

EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	517	(604/153).OCLS.	US-PGPUB; USPAT	OR	OFF	2009/04/20 13:50
S2	778	(604/151).OCLS.	US-PGPUB; USPAT	OR	OFF	2009/04/20 13:50
S3	944	(604/131).OCLS.	US-PGPUB; USPAT	OR	OFF	2009/04/20 13:50
S4	469	(604/93.01).OCLS.	USPAT	OR	OFF	2009/04/20 13:50
S5	319	(604/93.01).OCLS.	US-PGPUB	OR	OFF	2009/04/20 13:50
S7	315	(604/48).OCLS.	US-PGPUB; USPAT	OR	OFF	2009/04/20 13:51
S8	469	(604/19).OCLS.	US-PGPUB; USPAT	OR	OFF	2009/04/20 13:51
S9	1074	(606/167).OCLS.	USPAT	OR	OFF	2009/04/20 13:51
S10	630	(606/167).OCLS.	US-PGPUB	OR	OFF	2009/04/20 13:51
S12	3	(("3930505") or ("5370609") or ("5620414")).PN.	US-PGPUB; USPAT	OR	OFF	2009/04/20 13:52
S13	2	wo-9639952-\$.did.	FPRS; EPO; DERWENT	OR	OFF	2009/04/20 13:52
S14	1	wo-0209798-\$.did.	FPRS; EPO; DERWENT	OR	OFF	2009/04/20 13:52
S15	860	(606/159).OCLS.	USPAT	OR	OFF	2009/04/20 14:14
S16	318	(606/159).OCLS.	US-PGPUB	OR	OFF	2009/04/20 14:14
S17	58	("4913698" "5019038" "5037431" "5037432" "5097731" "5135482" "5135484" "5163909" "5165602" "5322504").PN. OR ("5620414").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/20 14:14
S18	20	("4226005" "4265487" "4280735" "4532949" "4652056" "4669229" "4733914" "4872293" "4902073" "4934111").PN. OR ("5097731").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/20 14:18

S19	74	("3930505" "4857047" "4878900" "4915691" "5013300" "5037431" "5037432" "5097731" "5135482" "5135484" "5165602").PN. OR ("5322504").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/20 14:19
S20	988	(606/107).OCLS.	US-PGPUB; USPAT	OR	OFF	2009/04/20 14:19
S21	112	("2648288" "3496874" "3771907" "3818913" "3874826" "3930505" "4111490" "4142524" "4199307" "4216906" "4336800" "4410322" "4435902" "4465438" "4479760" "4479761" "4479762" "4557725" "4560373" "4573883" "4614481" "4635621" "4637551" "4657490" "4662829" "4690672" "4741678" "4749337" "4754929" "4761039" "4776769" "4795217" "4798339" "4798589" "4811902" "4818190" "4827679" "4842584" "4857048" "4872813" "4896085" "4898574" "4913698" "4927411" "4937985" "4940399" "4950238" "4958963" "5006050" "5011468" "5018670" "5037431" "5052624" "5056992" "5074862" "5092744" "5098262" "5125582" "5133687" "5135482" "5154589" "5162016" "5186615" "5201643" "5205779" "5230443" "5237309" "5252044" "5259842" "5261883" "5281108" "5314375" "5322504" "5339715" "5344292" "5364234" "5368452" "5370609" "5378126" "5415528" "5429485" "5449369" "5464392" "5476368" "5505729" "5540568" "5542918" "5554013" "5562692" "5586868" "5591184" "5620414" "5647852" "5667102"	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/20 14:20

		"5674226" "5713878" "5871462").PN. OR ("6216573").URPN.				
S22	5	((RALF) near2 (KUEHNER)). INV.	US-PGPUB; USPAT	OR	OFF	2009/04/20 14:28
S23	12	((MARTIN) near2 (HAGG)). INV.	US-PGPUB; USPAT	OR	OFF	2009/04/20 14:29
S24	1	((STEFANIE) near2 (SCHMIDT)).INV.	US-PGPUB; USPAT	OR	OFF	2009/04/20 14:29
S26	7	jet same piston\$1 same cylinder\$1 same magazine	US-PGPUB; USPAT	OR	OFF	2009/04/20 14:37
S27	139	(604/150).OCLS.	US-PGPUB; USPAT	OR	OFF	2009/04/20 14:39
S29	297	(604/152).OCLS.	US-PGPUB; USPAT	OR	OFF	2009/04/20 14:39
S30	247	(604/154).OCLS.	US-PGPUB; USPAT	OR	OFF	2009/04/20 14:39
S32	1536	(604/22).OCLS.	USPAT	OR	OFF	2009/04/20 14:40
S33	398	(604/22).OCLS.	US-PGPUB	OR	OFF	2009/04/20 14:40
S35	21	piston\$1 same cylinder\$1 near magazine	US-PGPUB; USPAT	OR	OFF	2009/04/20 14:42
S36	94	piston\$1 near magazine	US-PGPUB; USPAT	OR	OFF	2009/04/20 14:46
S39	115	S10 and (piston\$1 plunger \$1)	US-PGPUB; USPAT	OR	OFF	2009/04/20 15:38
S40	172	S9 and (piston\$1 plunger\$1)	US-PGPUB; USPAT	OR	OFF	2009/04/20 15:39
S41	125	S15 and (piston\$1 plunger \$1)	US-PGPUB; USPAT	OR	OFF	2009/04/20 16:10
S42	34	S16 and (piston\$1 plunger \$1)	US-PGPUB; USPAT	OR	OFF	2009/04/20 16:10
S43	576	S3 and (piston\$1 plunger\$1)	US-PGPUB; USPAT	OR	OFF	2009/04/20 16:45
S44	233	S32 and (piston\$1 plunger \$1)	US-PGPUB; USPAT	OR	OFF	2009/04/20 17:08
S45	98	S4 and (piston\$1 plunger\$1)	US-PGPUB; USPAT	OR	OFF	2009/04/20 17:37
S46	97	S5 and (piston\$1 plunger\$1)	US-PGPUB; USPAT	OR	OFF	2009/04/20 17:37
S47	6	pump\$1 same cylinder\$1 near magazine	US-PGPUB; USPAT	OR	OFF	2009/04/20 17:42
S48	453	pump\$1 same cylinder\$1 near water	US-PGPUB; USPAT	OR	OFF	2009/04/20 17:43
S51	2031	(piston\$1 pump\$1) same cylinder\$1 same cutting same (water fluid)	US-PGPUB; USPAT	OR	OFF	2009/04/20 17:44

S52	66	(piston\$1 pump\$1) same cylinder\$1 same cutting near (water fluid)	US-PGPUB; USPAT	OR	OFF	2009/04/20 17:45
S53	3	((("5505697") or ("5599302") or ("5562692")).PN.	USPAT	OR	OFF	2009/04/21 09:10
S55	78	plunger\$1 near magazine	US-PGPUB; USPAT	OR	OFF	2009/04/21 15:28
S56	70	plunger\$1 same magazine same (fluid pressure) same valve	US-PGPUB; USPAT	OR	OFF	2009/04/21 15:29
S57	351	piston\$1 same magazine same (fluid pressure) same valve	US-PGPUB; USPAT	OR	OFF	2009/04/21 15:35
S58	986	piston\$1 same magazine same (fluid pressure)	US-PGPUB; USPAT	OR	OFF	2009/04/21 15:35
S62	435	604/22-154.ccls. and piston \$1 same (cartridge magazine) same (fluid pressure)	US-PGPUB; USPAT	OR	OFF	2009/04/21 15:40
S63	16	606/131-167.ccls. and piston \$1 same (cartridge magazine) same (fluid pressure)	US-PGPUB; USPAT	OR	OFF	2009/04/21 15:40
S64	103	604/22-154.ccls. and piston \$1 same (cartridge magazine) same (fluid pressure) same (change advanc\$3)	US-PGPUB; USPAT	OR	OFF	2009/04/21 16:02
S66	34	604/22-154.ccls. and piston \$1 same (cartridge magazine) near (change advanc\$3)	US-PGPUB; USPAT	OR	OFF	2009/04/21 16:07
S67	69	604/22-154.ccls. and piston \$1 near (change advanc\$3) same (cartridge magazine)	US-PGPUB; USPAT	OR	OFF	2009/04/21 16:07
S68	23	("2995373" "4209014" "4592745" "4636197" "4813937" "4950163" "5019047" "5024662" "5041094" "5078679" "5084021" "5100389" "5429607").PN. OR ("5743879").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/21 16:09
S76	160	604/22-154.ccls. and (piston) same pressure same air same (ventilation vent\$3)	US-PGPUB; USPAT	OR	OFF	2009/04/22 10:48
S77	19	604/22-154.ccls. and (piston) same pressure same air same (ventilation vent\$3) and jet	US-PGPUB; USPAT	OR	OFF	2009/04/22 10:48

S81	55	604/22-154.ccls. and (pistons) same pressure and jet	US-PGPUB; USPAT	OR	OFF	2009/04/22 11:03
S91	10	606/131-167.ccls. and (plunger\$1 piston\$1 pump) same cutting same (motors)	US-PGPUB; USPAT	OR	OFF	2009/04/22 11:31
S92	7	604/22-154.ccls. and (plunger\$1 piston\$1 pump) same cutting same (motors)	US-PGPUB; USPAT	OR	OFF	2009/04/22 11:33
S93	79	604/22-154.ccls. and (plunger\$1 piston\$1 pump) same motor\$1 and cutting and jet	US-PGPUB; USPAT	OR	OFF	2009/04/22 11:35
S95	124	604/22-154.ccls. and (plunger\$1 piston\$1 pump) same motor\$1 same (valve \$1 seal\$3) and cutting	US-PGPUB; USPAT	OR	OFF	2009/04/22 11:55
S96	5	(("5046486") or ("5536242") or ("6994127") or ("5505729") or ("4276023")). PN.	USPAT	OR	OFF	2009/04/22 12:13
S97	1	wo-0045719-\$.did.	FPRS; EPO; DERWENT	OR	OFF	2009/04/22 12:29
S98	1	wo-0207798-\$.did.	FPRS; EPO; DERWENT	OR	OFF	2009/04/22 12:31
S103	208	604/22-154.ccls. and (plunger\$1 piston\$1) same (valve\$1 seal\$3) near pressure	US-PGPUB; USPAT	OR	OFF	2009/04/22 17:18
S104	34	604/22-154.ccls. and (plunger\$1 piston\$1) same (valve\$1 seal\$3) near pressure same outlet	US-PGPUB; USPAT	OR	OFF	2009/04/22 17:26
S107	132	604/22-154.ccls. and (piston \$1) same (valve\$1 seal\$3) near pressure	US-PGPUB; USPAT	OR	OFF	2009/04/22 17:44
S108	58	604/22-154.ccls. and (piston \$1) same fluid same (valve \$1 seal\$3) near pressure	US-PGPUB; USPAT	OR	OFF	2009/04/22 17:50
S110	183	604/22-154.ccls. and (piston \$1) same barrier	US-PGPUB; USPAT	OR	OFF	2009/04/22 17:58
S113	484	604/22-154.ccls. and (piston \$1) near (prevent return stop \$3)	US-PGPUB; USPAT	OR	OFF	2009/04/22 18:08
S114	2	604/22-154.ccls. and (piston \$1) near (re-use)	US-PGPUB; USPAT	OR	OFF	2009/04/22 18:17
S115	20	604/22-154.ccls. and (piston \$1) near (return re-use) same prevent\$3	US-PGPUB; USPAT	OR	OFF	2009/04/22 18:18

S116	2	((("3478937") or ("3890971")).PN.	USPAT	OR	OFF	2009/04/22 18:21
S117	1	604/22-154.ccls. and (piston \$1) near prevent\$3 same return	US-PGPUB; USPAT	OR	OFF	2009/04/23 08:09
S118	8	604/22-154.ccls. and (piston \$1) near prevent\$3 same return\$3	US-PGPUB; USPAT	OR	OFF	2009/04/23 08:10
S119	56	("2375711" "2607343" "3045674" "3946732" "3951146" "4030498" "4233975").PN. OR ("4391272").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/23 08:14
S121	48	604/22-154.ccls. and (piston \$1) same (pressure near (valve seal)) same fluid	US-PGPUB; USPAT	OR	OFF	2009/04/23 08:42
S122	1	10/599672	US-PGPUB; USPAT	OR	OFF	2009/10/23 16:57
S123	82	water same jet same surgery	US-PGPUB; USPAT	OR	OFF	2009/11/13 14:48
S124	375	water same jet same cutting and surgery	US-PGPUB; USPAT	OR	OFF	2009/11/13 14:53
S125	71	("1889425" "3590813" "3811795" "3930505" "3993054" "4024966" "4186733" "4368734" "4441488" "4690672" "4694828" "4935006" "4944726" "5024615" "5037431" "5135482" "5261883" "5361583" "5370609").PN. OR ("5591184").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/13 14:57
S127	2	((("4527954") or ("20030012660")).PN.	US-PGPUB; USPAT	OR	OFF	2009/11/13 15:24
S130	2	wo-9933510-\$.did.	US-PGPUB; USPAT; FPRS; EPO; DERWENT	OR	OFF	2009/11/13 15:25
S132	2	ep-212728-\$.did.	US-PGPUB; USPAT; FPRS; EPO; DERWENT	OR	OFF	2009/11/13 15:31
S133	622	(417/413.1).CCLS.	US-PGPUB; USPAT	OR	OFF	2009/11/13 15:49
S134	214	(601/154).CCLS.	US-PGPUB; USPAT	OR	OFF	2009/11/13 15:49
S135	115	(601/155).CCLS.	US-PGPUB; USPAT	OR	OFF	2009/11/13 15:49
S136	198	(601/160).CCLS.	US-PGPUB; USPAT	OR	OFF	2009/11/13 15:50

S137	36	(601/161).OCLS.	US-PGPUB; USPAT	OR	OFF	2009/11/13 15:50
S138	102	(601/165).OCLS.	US-PGPUB; USPAT	OR	OFF	2009/11/13 15:50
S139	204	(600/158).OCLS.	US-PGPUB; USPAT	OR	OFF	2009/11/13 15:50
S140	162	(600/159).OCLS.	US-PGPUB; USPAT	OR	OFF	2009/11/13 15:50
S142	154	fluid same jet same cutting and surgery	US-PGPUB; USPAT	OR	OFF	2009/11/13 15:52
S143	30	("3447479" "3949746" "3993061" "3994294" "4475666" "4563175" "4734011" "4795441" "4838860" "4846797" "4898579" "5044902" "5066282" "5192269" "5237309" "5243982" "5378231" "5411485" "5417667" "5429485" "5454792" "5496273" "5529463" "5609572" "5632606").PN. OR ("5916197").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/17 11:18
S144	856	(604/151).OCLS.	US-PGPUB; USPAT	OR	OFF	2009/11/17 11:30
S147	254	(604/154).OCLS.	US-PGPUB; USPAT	OR	OFF	2009/11/17 11:31
S148	716	(604/30-31).OCLS.	US-PGPUB; USPAT	OR	OFF	2009/11/17 11:31
S149	93	(604/45).OCLS.	US-PGPUB; USPAT	OR	OFF	2009/11/17 11:31
S152	120	(604/143).OCLS.	US-PGPUB; USPAT	OR	OFF	2009/11/17 11:32
S154	283	piston same (rotating rotation\$2) same magazine same cylinder\$1	US-PGPUB; USPAT	OR	OFF	2009/11/17 13:26
S158	141	(604/150).OCLS.	US-PGPUB; USPAT	OR	OFF	2009/11/17 13:34
S159	306	(604/152).OCLS.	US-PGPUB; USPAT	OR	OFF	2009/11/17 13:36
S165	18	(rotating revolv\$3 rotation \$2) near magazine same (plunger piston) same (water fluid spray)	US-PGPUB; USPAT	OR	OFF	2009/11/17 15:18
S168	876	(604/67).OCLS.	US-PGPUB; USPAT	OR	OFF	2009/11/17 15:21
S169	992	(604/131).OCLS.	US-PGPUB; USPAT	OR	OFF	2009/11/17 15:21

S172	11	604/131-153.ccls. and piston\$1 same magazine\$1	US-PGPUB; USPAT	OR	OFF	2009/11/18 08:08
S173	11	604/131-153.ccls. and (revolv\$3 rotat\$4 rotation\$2) same magazine\$1	US-PGPUB; USPAT	OR	OFF	2009/11/18 08:16
S174	7	piston\$1 same pump same (rotating rotation\$2) same magazine same cylinder\$1	US-PGPUB; USPAT	OR	OFF	2009/11/18 08:59
S177	1082	(604/131).CCLS.	US-PGPUB; USPAT	OR	OFF	2010/08/05 13:29
S178	251	(604/141).CCLS.	US-PGPUB; USPAT	OR	OFF	2010/08/05 13:30
S179	1	("20040055662").PN.	US-PGPUB; USPAT	OR	OFF	2010/08/05 13:37
S181	41	(141/22).CCLS.	US-PGPUB; USPAT	OR	OFF	2010/08/05 13:41
S182	120	(141/26).CCLS.	US-PGPUB; USPAT	OR	OFF	2010/08/05 13:41
S183	324	(141/27).CCLS.	US-PGPUB; USPAT	OR	OFF	2010/08/05 13:42
S184	16	(141/28).CCLS.	US-PGPUB; USPAT	OR	OFF	2010/08/05 13:42
S185	26	(141/29).CCLS.	US-PGPUB; USPAT	OR	OFF	2010/08/05 13:42
S186	68	(US-20020045912-\$ or US-20020177802-\$ or US-20040054320-\$ or US-20030171670-\$ or US-20050267403-\$ or US-20040186432-\$ or US-20020035348-\$ or US-20070129680-\$ or US-20030009132-\$).did. or (US-5620414-\$ or US-5322504-\$ or US-5788667-\$ or US-6216573-\$ or US-6451017-\$ or US-6616677-\$ or US-6764493-\$ or US-6960182-\$ or US-5944686-\$ or US-5085345-\$ or US-5592931-\$ or US-6023982-\$ or US-5313992-\$ or US-5792109-\$ or US-5916197-\$ or US-6447481-\$ or US-6511454-\$ or US-5213483-\$ or US-5492535-\$ or US-5876378-\$ or US-6017330-\$ or US-6056734-\$ or US-6699219-\$ or US-4622503-\$ or US-5476100-\$ or US-5260028-\$).did. or (US-4368918-\$ or US-4514149-\$ or US-	US-PGPUB; USPAT; EPO	OR	OFF	2010/08/05 13:53

		4937985-\$ or US-5562692-\$ or US-5743879-\$ or US- 5993421-\$ or US-5536242-\$ or US-6994127-\$ or US- 6595979-\$ or US-5116313-\$ or US-3749090-\$ or US- 5006050-\$ or US-3805783-\$ or US-4838856-\$ or US- 4493703-\$ or US-3636950-\$ or US-3766917-\$ or US- 5346476-\$ or US-4391272-\$ or US-4775363-\$ or US- 5045063-\$ or US-4929231-\$ or US-4820272-\$ or US- 5893838-\$ or US-5591184-\$ or US-5735815-\$ or US- 5649887-\$).did. or (US- 4055095-\$ or US-5535729-\$ or US-6981868-\$ or US- 5507412-\$).did. or (WO- 9933510-\$ or EP-212728-\$). did.				
S188	117	pump same magazine same cylinder\$1	US-PGPUB; USPAT	OR	OFF	2010/08/05 14:44
S189	46	("4341327" "4653010" "4756706" "4908017" "4919596" "5207642").PN. OR ("5507412").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/08/05 17:40
S190	31	("3447479" "3949746" "3993061" "3994294" "4475666" "4563175" "4734011" "4795441" "4838860" "4846797" "4898579" "5044902" "5066282" "5192269" "5237309" "5243982" "5378231" "5411485" "5417667" "5429485" "5454792" "5496273" "5529463" "5609572" "5632606").PN. OR ("5916197").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/08/05 18:02
S192	2	ep-212728-\$).did.	FPRS; EPO; DERWENT	OR	OFF	2010/08/05 18:20
S193	93	(ERBE near ELEKTROMEDI ZIN)	US-PGPUB; USPAT	OR	OFF	2010/08/05 18:22
S194	325	(604/152).CCLS.	US-PGPUB; USPAT	OR	OFF	2010/08/05 18:28
S195	240	(417/2).CCLS.	US-PGPUB; USPAT	OR	OFF	2010/08/08 15:42
S196	124	(417/7).CCLS.	US-PGPUB; USPAT	OR	OFF	2010/08/08 15:42

S197	101	(417/84).OCLS.	US-PGPUB; USPAT	OR	OFF	2010/08/08 15:43
S198	42	(417/95).OCLS.	US-PGPUB; USPAT	OR	OFF	2010/08/08 15:43
S199	56	(417/97).OCLS.	US-PGPUB; USPAT	OR	OFF	2010/08/08 15:43
S202	306	(417/101-104).OCLS.	US-PGPUB; USPAT	OR	OFF	2010/08/08 15:43
S203	138	(417/106).OCLS.	US-PGPUB; USPAT	OR	OFF	2010/08/08 15:43
S204	231	(141/21).OCLS.	US-PGPUB; USPAT	OR	OFF	2010/08/08 15:43
S205	78	water near jet same surgery	US-PGPUB; USPAT	OR	OFF	2010/08/08 15:51
S206	14	water near jet same magazine	US-PGPUB; USPAT	OR	OFF	2010/08/08 15:52
S207	5	fluid near jet same magazine	US-PGPUB; USPAT	OR	OFF	2010/08/08 15:55
S220	97	(417/514).OCLS.	US-PGPUB; USPAT	OR	OFF	2010/08/08 17:18
S221	212	(417/515).OCLS.	US-PGPUB; USPAT	OR	OFF	2010/08/08 17:18
S222	93	(417/516).OCLS.	US-PGPUB; USPAT	OR	OFF	2010/08/08 17:18
S227	974	(604/151).OCLS.	US-PGPUB; USPAT	OR	OFF	2010/08/08 17:36
S228	346	(417/466-469).OCLS.	US-PGPUB; USPAT	OR	OFF	2010/08/09 08:22
S229	501	(417/462-463).OCLS.	US-PGPUB; USPAT	OR	OFF	2010/08/09 09:57
S230	850	(417/413.1-413.2).OCLS.	US-PGPUB; USPAT	OR	OFF	2010/08/09 09:58
S231	249	(417/426).OCLS.	US-PGPUB; USPAT	OR	OFF	2010/08/09 09:58
S232	69	(417/425).OCLS.	US-PGPUB; USPAT	OR	OFF	2010/08/09 09:58
S233	345	(417/435).OCLS.	US-PGPUB; USPAT	OR	OFF	2010/08/09 09:58
S234	34	(417/445).OCLS.	US-PGPUB; USPAT	OR	OFF	2010/08/09 09:58
S235	70	(417/444).OCLS.	US-PGPUB; USPAT	OR	OFF	2010/08/09 09:58
S236	897	(417/423.14).OCLS.	US-PGPUB; USPAT	OR	OFF	2010/08/09 09:59
S239	367	(417/269).OCLS.	US-PGPUB	OR	OFF	2010/08/09 10:15

S240	1146	(417/269).OCLS.	USPAT	OR	OFF	2010/08/09 10:15
S241	164	(417/533).OCLS.	US-PGPUB; USPAT	OR	OFF	2010/08/09 10:15
S243	838	(222/325).OCLS.	US-PGPUB; USPAT	OR	OFF	2010/08/09 11:52
S244	517	(222/326).OCLS.	US-PGPUB; USPAT	OR	OFF	2010/08/09 11:52
S245	645	(222/327).OCLS.	US-PGPUB; USPAT	OR	OFF	2010/08/09 11:52
S246	1186	(222/386).OCLS.	US-PGPUB; USPAT	OR	OFF	2010/08/09 11:52
S247	505	(222/387).OCLS.	US-PGPUB; USPAT	OR	OFF	2010/08/09 11:52
S248	116	(222/526).OCLS.	US-PGPUB; USPAT	OR	OFF	2010/08/09 11:52
S249	703	(222/137).OCLS.	US-PGPUB; USPAT	OR	OFF	2010/08/09 11:52
S250	41	("3352460" "3843021" "4164306" "4856676" "5114045" "5452825" "5474212" "5628430" "5730327" "5938078" "5992691" "6003731" "6056157").PN. OR ("6273298").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/08/09 14:04
S251	19	(73/1.21).OCLS.	US-PGPUB; USPAT	OR	OFF	2010/08/09 17:23
S252	5	("3381761" "3980338" "4186649").PN. OR ("4368918").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/08/09 17:24
S253	13	("4049318" "4162763" "4368918" "4368925" "4621869" "4660891" "4660892" "4691967" "4721341" "4755002").PN. OR ("4852947").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/08/09 17:24
S254	298	(222/144).OCLS.	US-PGPUB; USPAT	OR	OFF	2010/08/09 17:25
S255	136	(222/135).OCLS.	US-PGPUB	OR	OFF	2010/08/09 17:25
S256	1098	(222/135).OCLS.	USPAT	OR	OFF	2010/08/09 17:25
S258	294	(222/105).OCLS.	US-PGPUB	OR	OFF	2010/08/09 17:26
S259	33	("5356041" "5711458" "5738247").PN. OR ("6003731").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/08/09 17:31

S260	52	("1782980" "2416581" "3015415" "3023936" "3122272" "3168123" "3335767" "3540631" "3565132" "3587671" "3777950" "4027785" "4258759" "4394944" "4635688" "4967938" "5078302").PN. OR ("5356041").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/08/09 17:33
S261	39	("3066830" "3122272" "3321108" "4781312" "4792236" "4946100" "4967938" "5078302" "5119973" "5474211").PN. OR ("5711458").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/08/09 17:37
S262	138	(222/516).CCLS.	US-PGPUB; USPAT	OR	OFF	2010/08/09 17:49
S263	61	(US-20030171670-\$ or US- 20020035348-\$ or US- 20030009132-\$ or US- 20040186432-\$ or US- 20050267403-\$ or US- 20020022759-\$ or US- 20030220609-\$ or US- 20020012592-\$ or US- 20040022645-\$ or US- 20040020463-\$ or US- 20040126245-\$ or US- 20040123839-\$ or US- 20050087545-\$).did. or (US- 6023982-\$ or US-3636950-\$ or US-3749090-\$ or US- 3766917-\$ or US-3805783-\$ or US-4055095-\$ or US- 4368918-\$ or US-4391272-\$ or US-4493703-\$ or US- 4514149-\$ or US-4622503-\$ or US-4775363-\$ or US- 4820272-\$ or US-4838856-\$ or US-4929231-\$ or US- 4937985-\$ or US-5006050-\$ or US-5085345-\$ or US- 5116313-\$ or US-5260028-\$ or US-5346476-\$ or US- 5476100-\$ or US-5536242-\$ or US-5562692-\$ or US- 5792109-\$ or US-5876378-\$).did. or (US-5893838-\$ or US-5944686-\$ or US- 6056734-\$ or US-6216573-\$ or US-6451017-\$ or US- 6595979-\$ or US-6616677-\$ or US-6994127-\$ or US- 4726745-\$ or US-6092995-\$ or US-5549453-\$ or US-	US-PGPUB; USPAT; USOCR	OR	OFF	2011/11/04 13:24

		5651302-\$ or US-7029241-\$ or US-6003731-\$ or US- 6273298-\$ or US-7082970-\$ or US-4693397-\$ or US- 3837534-\$ or US-4852947-\$ or US-5711458-\$ or US- 5474211-\$).did. or (US- 3122272-\$).did.				
S264	1174	(417/269).OCLS.	USPAT	OR	OFF	2011/11/04 13:45
S266	404	(417/270).OCLS.	US-PGPUB; USPAT	OR	OFF	2011/11/04 13:45
S267	382	(417/269).OCLS.	US-PGPUB	OR	OFF	2011/11/04 13:46
S268	266	(417/271).OCLS.	US-PGPUB; USPAT	OR	OFF	2011/11/04 13:46
S269	24	(417/272).OCLS.	US-PGPUB; USPAT	OR	OFF	2011/11/04 13:46
S270	660	(417/273).OCLS.	US-PGPUB; USPAT	OR	OFF	2011/11/04 13:46
S272	890	(222/325).OCLS.	US-PGPUB; USPAT	OR	OFF	2011/11/04 13:51
S273	550	(222/326).OCLS.	US-PGPUB; USPAT	OR	OFF	2011/11/04 13:52
S274	667	(222/327).OCLS.	US-PGPUB; USPAT	OR	OFF	2011/11/04 13:52
S275	1238	(222/386).OCLS.	US-PGPUB; USPAT	OR	OFF	2011/11/04 13:52
S276	518	(222/387).OCLS.	US-PGPUB; USPAT	OR	OFF	2011/11/04 13:52
S277	1284	(222/385).OCLS.	US-PGPUB; USPAT	OR	OFF	2011/11/04 13:52
S278	309	(222/372).OCLS.	US-PGPUB; USPAT	OR	OFF	2011/11/04 13:53
S279	738	(222/380).OCLS.	US-PGPUB; USPAT	OR	OFF	2011/11/04 13:53
S280	119	(222/526).OCLS.	US-PGPUB; USPAT	OR	OFF	2011/11/04 13:53
S281	284	(222/531).OCLS.	US-PGPUB; USPAT	OR	OFF	2011/11/04 13:54
S282	106	(222/532).OCLS.	US-PGPUB; USPAT	OR	OFF	2011/11/04 13:54
S283	743	(222/137).OCLS.	US-PGPUB; USPAT	OR	OFF	2011/11/04 13:55
S284	1234	(604/131).OCLS.	US-PGPUB; USPAT	OR	OFF	2011/11/04 13:59

S285	57	("2375711" "2607343" "3045674" "3946732" "3951146" "4030498" "4233975").PN. OR ("4391272").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/11/04 14:01
S286	368	(604/152).OCLS.	US-PGPUB; USPAT	OR	OFF	2011/11/04 14:37
S287	151	(604/150).OCLS.	US-PGPUB; USPAT	OR	OFF	2011/11/04 14:37
S288	1230	(604/151).OCLS.	US-PGPUB; USPAT	OR	OFF	2011/11/04 14:37
S289	265	(600/432).OCLS.	US-PGPUB; USPAT	OR	OFF	2011/11/04 14:38
S295	5	("600" "604" "222" "417"). clas. and (aeration ventilat \$3) same pump same remov \$3 near air	US-PGPUB; USPAT	OR	OFF	2011/11/04 14:51
S296	64	("600" "604" "222" "417"). clas. and (aeration ventilat \$3) same pump same remov \$3 same air	US-PGPUB; USPAT	OR	OFF	2011/11/04 14:51
S297	129	("600" "604" "222" "417"). clas. and ventilat\$3 same pump same piston\$1	US-PGPUB; USPAT	OR	OFF	2011/11/04 14:52
S303	137	("600" "604" "222" "417"). clas. and (aeration ventilat \$3) same pump same (conduit hose)	US-PGPUB; USPAT	OR	OFF	2011/11/04 15:01
S304	184	("600" "604" "222" "417"). clas. and (aeration ventilat \$3) same pump same (nozzle conduit hose)	US-PGPUB; USPAT	OR	OFF	2011/11/04 15:04
S305	50	("600" "604").clas. and (bleed near valve) same pump same (nozzle conduit hose)	US-PGPUB; USPAT	OR	OFF	2011/11/04 15:14
S306	252	("600" "604").clas. and (ventilat\$3 vent) same pump same (nozzle conduit hose)	US-PGPUB; USPAT	OR	OFF	2011/11/04 15:16
S307	283	("600" "604").clas. and (ventilat\$3 vent) same pump same (cylinder\$1 container\$1)	US-PGPUB; USPAT	OR	OFF	2011/11/04 15:26
S311	8	("600" "604").clas. and (ventilat\$3 vent) same pump same pistons	US-PGPUB; USPAT	OR	OFF	2011/11/04 15:42
S313	11	("600" "604").clas. and (ventilat\$3 vent) and pump same (magazine)	US-PGPUB; USPAT	OR	OFF	2011/11/04 15:46

S314	13	("600" "604").clas. and (ventilat\$3 vent) and piston \$1 same (magazine)	US-PGPUB; USPAT	OR	OFF	2011/11/04 15:48
S315	20	("600" "604").clas. and (ventilat\$3 vent) same (magazine)	US-PGPUB; USPAT	OR	OFF	2011/11/04 15:52
S317	21	("600" "604").clas. and (ventilat\$3 vent) and pumps same pistons	US-PGPUB; USPAT	OR	OFF	2011/11/04 15:55
S318	27	("2865371" "3349767" "3815481" "3888239" "4132332").PN. OR ("4180067").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/11/04 16:57
S327	3	07/818235	US-PGPUB; USPAT	OR	OFF	2011/11/07 08:43
S328	4	07/336636	US-PGPUB; USPAT	OR	OFF	2011/11/07 08:44
S329	4	((("7063713") or ("5286256") or ("4193397") or ("4266541")).PN.	US-PGPUB; USPAT	OR	OFF	2011/11/07 08:46
S330	1	wo-0045719-\$.did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2011/11/08 09:25
S331	1	ep-1148828-\$.did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2011/11/08 09:26
S332	1	("7063713").PN.	US-PGPUB; USPAT	OR	OFF	2011/11/08 09:27
S334	67	("1696018" "2112160" "2739591" "3399668" "3888239" "3918456").PN. OR ("4044757").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/11/08 09:42
S335	42	("3087433" "3221947" "3507278" "3984034" "4335835" "4634027" "4635827" "4690672" "4715848" "4972969" "5147311").PN. OR ("5259842").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/11/08 10:27
S336	11	("5259842" "5591184" "5620414" "5667102" "5836909" "5853384" "6066150" "6216573" "RE33258").PN. OR ("7063713").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/11/08 10:28

S337	135	("0808635" "1837932" "2112160" "3223083" "3467096" "3749084" "3767085" "3828980" "3875939" "3955930" "4040420" "4044757" "4069814" "4109653" "4260077" "4359049" "4381778" "4512768" "4522622" "4609371" "4610666" "4631055" "4643724" "4679446" "4689042" "4735616" "4738379" "4753536" "4773419" "4846405" "4874368" "4902281").PN. OR ("4979942").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/11/08 10:32
S338	93	("4012822" "4040420" "4109653" "4471887" "4631055" "4735616" "4743229" "4826048" "4874368" "4902281" "4978336" "4979942" "5049135" "5116315" "5163584" "5180082" "5265761" "5535922" "5887755").PN. OR ("6047861").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/11/08 10:38
S339	43	(US-20020177802-\$ or US- 20030171670-\$ or US- 20020107501-\$ or US- 20030009132-\$ or US- 20030220533-\$ or US- 20040019313-\$ or US- 20040193045-\$).did. or (US- 4233975-\$ or US-4932941-\$ or US-5019045-\$ or US- 5916197-\$ or US-3902826-\$ or US-5141137-\$ or US- 4311437-\$ or US-4205947-\$ or US-4865525-\$ or US- 3620650-\$ or US-3978846-\$ or US-3983864-\$ or US- 4392858-\$ or US-7086431-\$ or US-5499751-\$ or US- 6332865-\$ or US-4044757-\$ or US-4677980-\$ or US- 5472403-\$ or US-6539248-\$ or US-4243030-\$ or US- 4563173-\$ or US-5968014-\$ or US-6042564-\$ or US- 7169128-\$ or US-4180067-\$).did. or (US-5318522-\$ or US-5259842-\$ or US- 4609371-\$ or US-4979942-\$ or US-4367737-\$ or US-	US-PGPUB; USPAT	OR	OFF	2011/11/08 10:40

		4109653-\$ or US-4610666-\$ or US-4631055-\$ or US-6047861-\$ or US-6840921-\$).did.				
S343	1034	(piston\$1 pump\$1) same jet near (water fluid) same (syringe\$1 receptacle\$1 chamber\$1 container\$1) and (valve\$1 seal\$3)	US-PGPUB; USPAT	OR	OFF	2011/11/08 10:46
S344	298	(piston\$1 plunger\$1) same jet near (water fluid) same (syringe\$1 receptacle\$1 chamber\$1 container\$1) and (valve\$1 seal\$3)	US-PGPUB; USPAT	OR	OFF	2011/11/08 10:48
S345	42	("3087433" "3221947" "3507278" "3984034" "4335835" "4634027" "4635827" "4690672" "4715848" "4972969" "5147311").PN. OR ("5259842").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/11/08 12:28
S346	754	(piston\$1 plunger\$1) same jet near (water fluid) and (valve\$1 seal\$3)	US-PGPUB; USPAT	OR	OFF	2011/11/08 12:29
S347	72	("3946732" "3951146").PN. OR ("4233975").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/11/08 14:09
S348	29	("4233975" "4391272").PN. OR ("4932941").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/11/08 14:14
S349	15	("4932941" "5106372").PN. OR ("5593387").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/11/08 14:19
S350	14	("4731068" "4863427" "4915692" "4931043" "4932941" "4950243" "5045063" "5125899" "5135495").PN. OR ("5531693").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/11/08 14:28
S351	37	("1668315" "2764978" "3402713" "4391272" "4493703" "4496344" "4563174" "4781684" "4820272" "4826483" "4826490" "4883466").PN. OR ("5019045").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/11/08 14:29

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